

FORM PTO-1390 (Modified)  
(REV 10-95)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

## TRANSMITTAL LETTER TO THE UNITED STATES

4047

DESIGNATED/ELECTED OFFICE (DO/EO/US)

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)

CONCERNING A FILING UNDER 35 U.S.C. 371

09/269897

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/JP98/03476

4 August 1998

4 August 1997

TITLE OF INVENTION

METHODS FOR DETECTION OR MEASUREMENT OF VIRUSES

APPLICANT(S) FOR DO/EO/US

Katsumi AOYAGI, Chiharu OHUE, Kumiko IIDA, Tatsuji KIMURA, Shintaro YAGI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ A copy of the International Search Report (PCT/ISA/210).
8. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 18 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.  
A **SECOND** or **SUBSEQUENT** preliminary amendment.
16. ☐ A substitute specification.
17. ☐ A change of power of attorney and/or address letter.
18. ☒ Certificate of Mailing by Express Mail
19. ☒ Other items or information:

THE FEE CALCULATION MUST BE BASED ON THE CLAIMS AS AMENDED AND ADDED  
IN THE ATTACHED PRELIMINARY AMENDMENT.

20. The following fees are submitted:

**BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5) ) :**

- |  |                                       |
|--|---------------------------------------|
| <input checked="" type="checkbox"/> Search Report has been prepared by the EPO or JPO .....  | <b>\$840.-</b><br><del>\$938.00</del> |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) .....  | <b>\$720.00</b>                       |
| <input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... | <b>\$790.00</b>                       |
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....          | <b>\$1,070.00</b>                     |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) .....       | <b>\$98.00</b>                        |

**CALCULATIONS PTO USE ONLY**

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

840 00

Surcharge of **\$130.00** for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). ☐ 20 ☐ 30

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims	30 - 20 =	10	x	\$22.00	18	
Independent claims	7 - 3 =	4	x	\$82.00	78	

Multiple Dependent Claims (check if applicable). ☐

**TOTAL OF ABOVE CALCULATIONS =**

1332 00

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). ☐

**SUBTOTAL =**

1332 00

Processing fee of **\$130.00** for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). ☐ 20 ☐ 30 +

**TOTAL NATIONAL FEE =**

1332 00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). ☒

40 00

**TOTAL FEES ENCLOSED =**

1372 00

Amount to be: refunded	\$
charged	\$

☒ A check in the amount of **\$1372.00** to cover the above fees is enclosed.

☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No.13-2532 A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**SEND ALL CORRESPONDENCE TO:**

Wyatt, Gerber, Meller and O'Rourke  
P.O. Box 2198, Grand Central Station  
New York, NY 10163

SIGNATURE

Michael N. Meller

NAME

20,779

REGISTRATION NUMBER

April 2, 1999

DATE

09/269897

EXPRESS MAIL CERTIFICATE OF MAILING - SEPARATE PAPER

IN THE MATTER OF: AOYAGI et al

510 Rec'd PCT/PTO 02 APR 1999

ATTORNEY'S DOCKET NO.: 4047

FOR: METHODS FOR DETECTION OF MEASUREMENT OF VIRUSUS

I hereby certify that the new <sup>PCT/DO</sup> application with:

- ☒ transmittal letter
- ☒ specification and claims
- ☒ declaration
- ☒ assignment with Recordation Form Cover Sheet
- 17 sheets drawings
- ☐ priority document
- ☒ preliminary amendment
- ☒ check
- ☐

is being deposited with the United States Postal Services  
"Express Mail Post Office to Addressee" service under 37 CFR  
1.10 on the date indicated below and is addressed to the  
Commissioner of Patents and Trademarks, Washington, DC 20231  
on April 2, 1999

EXPRESS MAIL LABEL NO.

EL318925177US

Anne R. Jacoby

(Name of person making deposit)

Anne R. Jacoby  
(Signature)

April 2, 1999

(Date)

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